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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग III—खण्ड 2 PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से संबंधित अधिसूचनाएं और नोटिस।
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE Patents and Designs

Calcutta, the 27th February 1965

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

8th February 1965

97789. Eaton Manufacturing Company. Vehicle drive.
97790 P. Lal and N. Uddin. Single tap whole mixer with control valve.
97791. Dey's Medical Stores (Manufacturing) Private Ltd. Production of solubilized ferrous fumarate (1).
97792. Dey's Medical Stores (Manufacturing) Private Ltd. Production of solubilized ferrous fumarate (2).
97793 Dey's Medical Stores (Manufacturing) Private Ltd. Production of solubilized ferrous fumarate (3).
97794. Dey's Medical Stores (Manufacturing) Private Ltd. Production of solubilized ferrous fumarate (4).
97795. Dey's Medical Stores (Manufacturing) Private Ltd. Production of solubilized ferrous fumarate (5).
97796. Dey's Medical Stores (Manufacturing) Private Ltd. Production of solubilized ferrous fumarate (6).
97797. Dey's Medical Stores (Manufacturing) Private Ltd. Production of solubilized ferrous fumarate (7).
97798. Corning Glass Works. Tubing dimension control system.
97799. William Old (Resitorm) Limited. Building units and use of same. (6th February 1964).
97800. Gestetner Limited. Improvements in or relating to counting mechanisms.
97801. M. D. Ambaswamy Improved reinforcement for plastics.
97802. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Benzodiazepine derivatives and process for the manufacture thereof.

- 97803 Western Electric Company, Incorporation. Piezo-electric crystal devices and a method of making such devices (1st May 1964).
97804. Merck & Co., Inc. Imidazoles, isoindoles and dihydroisoquinolines and methods for their preparation.
97805. Ciba Limited. Process for the manufacture of heterocyclic compounds.
97806. Ciba Limited. Process for the manufacture of heterocyclic compounds.
97807. Badische Anilin & Soda-Fabrik Aktiengesellschaft. Expandable finely particled plastics materials.
97808 Hercules Powder Company. Improvements in or relating to a process for producing poly (epoxides).
97809. Societa Farmaceutica Italia. Process for preparing a new endecapeptide.
97810. S. D. Patel. Equipment for depth control of tractors.
97811. R. B. Shah. An automatic screen printing machine for fabrics.
97812. C. G. Kaimal. Two jaws moving vice.
97813. The Marsden Spinning and Manufacturing Co. Ltd. High speed dobby equipment for automatic looms.
97814. Shri Ram Institute for Industrial Research. A process relating to the wet treatment of cellulosic materials.

9th February 1965

97815. H. Papst. Fuel injection and ignition device for internal combustion engines.
97816. Federal-Mogul-Bower Bearings, Inc. Electroplating rack.
97817. The Glidden Company. Alpha pinene isomerization.
97818. G. E. Daniels. Earth scraper.
97819. General Electric Company. Electrical capacitor and dielectric material therefor.
97820. General Electric Company. Configuration and preparation thereof.
97821. Elitex, Sdruzeni podniku textilního strojírenství. Control device for continuous proceeding lines.

97822. Index-Werke KG. Hahn & Tessky. Hydraulic drive control for machine tools.
97823. Eaton Manufacturing Company. Combination fan and water pump drive.
97824. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Extraction column.
97825. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Dibenzocycloheptatriene compounds and process for the manufacture thereof.
97826. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Polyene ketones and process for the manufacture thereof.
97827. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Dibenzocycloheptatriene derivatives and process for the manufacture thereof.
97828. The Lubrizol Corporation. Nitrogen-containing compositions.
97829. The Lubrizol Corporation. Process of preparing lubricant additives.
97830. The Babcock & Wilcox Company. Process of manufacturing refractory fibers.
97831. Lonza-Werke Elektrochemische Fabriken GmbH. Process for producing ceramic-bonded refractory objects.
97832. The British Petroleum Company Limited. Improvements relating to the hydrogenation of gasoline. (14th February 1964).
97833. Standard Telephones and Cables Limited. Electro-dynamic converter in the telecommunication engineering.
97834. Standard Telephones and Cables Limited. Selection system for electrical circuits or equipment.
97835. Standard Telephones and Cables Limited. Selection system for electrical circuits or equipment. [Addition to No. 97834].
97836. Ciba Limited. Process for the manufacture of acylamino-compounds.
97837. Ciba Limited. Manufacture of new chromans.
97838. Ciba Limited. Manufacture of new oxazepines.
97839. Ciba Limited. New anthrasteroids and process for their manufacture.
97840. Acme Highway Products Corporation. Sealing element for pavement grooves.
97841. Farbenfabriken Bayer Aktiengesellschaft. Dry pigment compositions for dyeing plastics. (13th November 1964).
97842. Oerlikon-Bührle Holding A. G. Control device for compressed air brakes of railway rolling stock. (21st December 1964).
97843. Allied Chemical Corporation. Improvements relating to polyurethanes.
97844. Shell Internationale Research Maatschappij N. V. Method for the manufacture of strands from fibrillated films of alkylene polymers.
97845. Shell Internationale Research Maatschappij N. V. Process for the conversion of nitrogen-containing hydrocarbon oils.
97846. Glaxo Laboratories Limited. Improvements in or relating to the manufacture of ampoules. (12th February 1964).
97847. Aktiebolaget Bofors. Door device.
97848. Rexall Drug and Chemical Company. Composition, process and product.
97849. Nitroglycerin Aktiebolaget. An arrangement for increasing the safety against unintentional initiation of so-called low energy cord assemblies.
97850. Germany Art Industries. Multipurpose tool.
97851. Ciba Limited. Process for the selective splitting of protective groups in the synthesis of peptides.
97852. Aluminium Foils Limited. Method of heat treatment of aluminium foil. (11th February 1964).
97853. Ciba Limited. New pyrazoles. [Divisional date 6th August 1962].
97854. J. R. Geigy A. G. Process for the production of new condensed heterocyclic compounds.
97855. J. R. Geigy A. G. Process for the production of new condensed heterocyclic compounds.
97856. J. R. Geigy A. G. Process for the production of new condensed heterocyclic compounds.
97857. J. R. Geigy A. G. Process for the production of new aryloxy acetic acid amides.
97858. The Gillette Company. Holder for ribbon-type safety razor. [Divisional date 15th July 1963].
97859. Stamicarbon N. V. Process for the stereospecific polymerization of α -olefins.
97860. Babcock & Wilcox Limited. Improvements relating to plant having ducting for carrying dust-laden gas. (11th February 1964).
97861. I. Fichberger. Electric motor with "built-in brake" (27th February 1964).
97862. A. Mauser, R. Mauser and P. Mauser. Container closure device.
97863. Aktiebolaget Kamyr. Method of performing hydrolysis and alkalic digestion of cellulosic fibre material in one and the same vessel.
97864. B. Markwitz. Buoyancy ring.
97865. Tos Kurim, narodni podnik. Improvements in or relating to a method for the control of the advance at a machine tool

11th February 1965

97866. Owens-Corning Fiberglas Corporation. Composite wall panel.
97867. Iandini S.p.a. Tractor hydraulic control system. (11th February 1964).
97868. Rocma Anstalt. Process and machine for the continuous application of protective or decorative coverings.
97869. Rocma Anstalt. Improvements in or relating to a method of joining the edge face.
97870. Rudy Manufacturing Company. Heat exchanger and method of manufacture.
97871. Vibrator Manufacturing Company. Vibration mechanism and method. (17th February 1964).
97872. Imperial Chemical Industries Limited. The production of esters. (13th February 1964).
97873. Imperial Chemical Industries Limited. The production of esters, aldehydes, ketones and acids. (13th February 1964).
97874. Nitroglycerin Aktiebolaget. Improvements in or relating to low energy cord assemblies.
97875. Olin Mathieson Chemical Corporation. Derivatives of cinnamanilides.
97876. Chicago Pneumatic Tool Company. Diamond drilling apparatus. [Divisional date 26th September 1963].
97877. Ciba Limited. Pharmaceutical preparations.
97878. Pilkington Brothers Limited. Improvements in or relating to methods of and apparatus for toughening sheets of glass. (12th February 1964).
97879. S. Gordon. Improvements in or relating to doors for motor vehicles. (9th March 1964).
97880. Ciba Limited. New 5-[pyridyl-(2)]-3-aminopyrazoles and compositions containing the same. [Divisional date 13th February 1962].

10th February 1965

12th February 1965

Alteration of date

97881. Veb Stahl-Und Walzwerk Riesa. Process for the manufacture of ingots from compound cast-steel by core alloying.
97882. W. R. Brooksbank. Improvements in endless driving or conveyor and like belts. [Addition to No. 78199].
97883. The Kuljian Corporation (India) Private Limited. Improvements in or relating to tower structures for power transmission or for other purposes.
97884. Bear Brand Hosiery Co. Method and apparatus for producing stretch yarn.
97885. J. T. Baker Chemical Company. Chemical process.
97886. General Electric Company. Automatic control system for vehicles.
97887. I. R. Geigy A. G. Process for the production of new substituted phenyl esters and the use thereof as antimicrobial active substances.
97888. Compteurs Et Moteurs Aster. Director of the passage of a complete train.
97889. Pfizer Corporation. Therapeutic agents and preparation thereof. (14th February 1964).
97890. Dorf-Oliver Incorporated. Method and apparatus for centrifugal screening.
97891. The Sheffield Corporation. Improvements in or relating to indicating apparatus.
97892. The English Electric Company Limited. Electrical circuits. (13th February 1964).
97893. The English Electric Company Limited. Electrical apparatus. (13th February 1964).
97894. A. E. Crawley and Amulya Chandra Ray. Improvements in or relating to device or apparatus for making sand lined moulds.
97895. Fisons Fertilizers Limited. Treatment of slag. (26th February 1964).
97896. Rexall Drug and Chemical Company. Process for controlling a chemical reaction and product properties resulting therefrom. (14th February 1964).
97897. Shaw Processes (India) Private Limited. Manufacture of ceramic shapes or bodies.
97898. Office Central De Gestion Et De Controle O.G.E.C. Improved lifting device.
97899. Office Central De Gestion Et De Controle O.G.E.C. An improved hydraulic winch with self-closing jaws.
97900. Ciba Limited. Manufacture of hydroxy compounds.
97901. Associated Electrical Industries Limited. Improved rotor-turning reciprocating mechanism (13th February 1964).
97902. Standard Telephones and Cables Limited. Electric cables. (13th February 1964).
97903. Amphenol-Borg Electronics Corporation. Connectors.
97904. W. G. Payne. Improvements in or relating to methods of harvesting pods from pod bearing vines and/or a machine therefor. (14th February 1964).
97905. Laporte Titanium Limited. Improvements in and relating to the manufacture of pigmentary titanium dioxide. (14th February 1964).
97906. Allied Chemical Corporation. Method for decomposing ammonium carbamate.
97907. Palitex Project-Company G.m.b.H. Method of and apparatus for changing spindles in a double twist spindle frame.
97908. Ciba Limited. New 2-tetrahydro-imidazoles and preparations containing them. [Divisional date 23rd June 1962].
97909. K. R. Wagh. An improved colloidal mixer.

89641. The claim to priority date 30th August 1962 has been disallowed and the application dated as of 28th August 1963, the date of filing in India.

95710. Ante-dated to 17th August 1963 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

87725. R. C. Sodhani & B. Sodhani. Pump for pumping oil from a container or the like. Accepted on 2nd February 1965.

Comprising a suction pipe having at its upper end a bulb of flexible material, a delivering pipe connected to the suction pipe below the bulb and non-return valves in the suction pipe and the delivery pipe.

87730. Sphere Investments Limited. Random stream materials sorter. Accepted on 2nd February 1965.

Comprises means responsive to a signal of predetermined value from detector means for each body to actuate rejection means.

87734. J. J. Mehta and F. J. Mehta. Improvements in or relating to a means for suspending furniture and method of suspending such furniture. Accepted on 2nd February 1965.

Consisting of vertical rail members each having a series of vertically spaced through holes on its two sides and a series of transverse holes on its front face, brackets and towels to get slidably fitted within one of said series of through holes.

87760. Bright Manufacturing Company Limited. Improvements relating to a clip for straddling and gripping a supporting flange for use in the attachment of sealing or trimming strips. (13th February 1963). Accepted on 3rd February 1965.

Forming between them a series of spaced slots, the blank being bent transversely along its line.

87787. Heinrich Friedrich Schroder. Implosion-protection arrangement for television sets. Accepted on 8th February 1965.

Comprises in assembled condition a front or masking frame and a thin unshaped plate or foil, which is fitted or fastened all round to the inside of the front frame by means of buttons.

87875. Maschinenfabrik Rieter A. G. Improvements in or relating to flexible conveyor belts. (11th January 1963). [Addition to No. 76247]. Accepted on 9th February 1965.

Comprises a base portion, two semi-circular lateral wall portions and two fins extending laterally forming a support for said wall portions.

87993. Council of Scientific and Industrial Research. Improvements in or relating to soft ferrites. Accepted on 10th February 1965.

Mixing a compound of nickel with iron oxide at elevated temperature in presence of a clayey material.

88019. Council of Scientific and Industrial Research. A yarn tension measuring and recording instrument. Accepted on 8th February 1965.

Comprises a transducer consisting of two plates an electronic unit and a current variation recorder, said transducer being provided with a feeler mechanism consisting of a fixed and two sliding pulleys.

88150. B. K. Nirenski and Salas S. A. Improvements in and relating to a synthetic material constructional unit to be used for thermo-acoustic panel formation. Accepted on 10th February 1965.

Comprising polyvinyl chloride triangular piece with hollow circular tube inside touching inner sides thereof and series of laminae connecting said hollow tubes to vertices of triangular pieces.

88230. Veb Optima Buromaschinenwerk Erfurt. Shifting device for (paper) carriages of typewriters provided with variable spacing dependent upon the differing width of different letters. Accepted on 10th February 1965.

Control strips made in the form of a comb displaceable in two operating positions actuate through lever and spring on fork levers and set via rocker arms the tripping pins, bringing them into the striking positioner.

88242. N. V. Philips Gloeilampenfabrieken. Novel optical systems. Accepted on 8th February 1965.

Having the narrow end of the wedge-shaped light conductor optically coupled to optical element at one of the side surfaces of the light conductor.

88264. Societe Fives Lille-Cail Multi-purpose three-roller press. Accepted on 9th February 1965.

Includes a pair of rollers mounted on frame, two cap members hingedly connected to frame, pressure applying means fast at other end of cap members and a third roller supported on cap members.

88447. C. L. Williams. Improvements in and relating to pre-cast concrete piles. (22nd June 1962). Accepted on 8th February 1964.

Composed of vertically cast pre-cast concrete sections each incorporating through-going means to receive or constitute elements whereby a section can be secured by joining and then post-tensioning such elements to a previously driven-in pile section.

88459. Gevaert Photo-Producten N. V. Process for obtaining photographic prints according to the silver halide diffusion transfer process. Accepted on 8th February 1965.

Contacting exposed light-sensitive material containing silver halide emulsion layer which also contains 3-pyrazolidone developing compound with image-receiving material, which contains hydroquinone, in presence of alkaline processing liquid.

89036. E. I. du Pont de Nemours and Company. Improved catalyst system, polymerization processes employing said catalyst system and products so produced. Accepted on 22nd January 1965.

A process for polymerizing a lactam to a polyamide in the presence of a basic catalyst and a cocatalyst which is an aromatic ester of an organic acid.

89064. The Bendix Corporation. Improvements in or relating to an internal shoe drum brake. Accepted on 25th January 1965.

Characterized in that at least one of the bearing surfaces of the anchor block forms a curve and that the respective shoe bearing edge of one anchor block bearing surface has in engagement the other surface.

89124. Sudhir Chandra Roy. A process of chemical treatment for the preservation of wood and similar materials. Accepted on 27th January 1965.

Treating first with saturated lime water, washing with water and then with 1% copper sulphate solution.

89150. Amchem Products, Inc. Methods and apparatus for measuring fluoride activity. Accepted on 29th January 1965.

A device comprising of an electrolytic cell having an anode composed at least partially of n-type silicon and an inert cathode and a light source capable of housing the anode to light of constant luminous intensity and spectral distribution.

89180. Esso Research and Engineering Company. Regeneration process for adsorbent beds. Accepted on 30th January 1965.

A method of regenerating previously desorbed adsorbents without burning comprises heating then with a regenerative agent.

89205. Stoppafire Limited. Light-weight portable fire extinguisher. (14th August 1962). Accepted on 1st February 1965.

Comprising producing 2 cups of thermosetting resin by moulding, one cup being formed with a pair of apertures at or near its closed end, sealing into the apertures a striker mechanism and a hose filament respectively, loading apertured cup with fire extinguishing accessory apertures and sealing the cups at their open ends.

89249. Western Electric Company, Incorporated. Methods of growing crystals of gallium arsenide, gallium phosphide or mixtures thereof. (8th March 1963). Accepted on 3rd February 1965.

Contacting a substrate with a vapour mixture, the substrate being maintained at a temperature below the lowest saturation temperature of the components of the carrier gas, so that a single crystal is produced.

89250. Esso Research and Engineering Company. Hydrocarbon separation process for removal of impurities. Accepted on 3rd February 1965.

Passing liquid hydrocarbon stream containing impurities through silica gel and desorbing said silica gel with gaseous displacing agent.

89256. Pirelli General Cable Works Limited. Improvements in or relating to the prevention of overheating of underground electric cables. (26th February 1963). Accepted on 3rd February 1965.

The method comprises the steps of supplying a coolant passing longitudinally through the backfill in which the cable is embedded and discharging the coolant so as to disperse through the backfill.

89258. General Motors Corporation. Shutter controlled radiographic exposure unit. Accepted on 3rd February 1965.

Comprising at least three rotatively rotatable bodies of shielding material, a radio-isotope source mounted on one of the bodies apertures in the other bodies and means to effect relative rotation of the three bodies.

89269. The Pyrene Company Limited. Improvements relating to the chromate coating of metal surfaces. (15th August 1962). Accepted on 5th February 1965.

With aqueous acidic solution containing hexavalent chromium and fluoride ions and aliphatic α -amino acid.

89281. Kabushiki Kaisha Hitachi Seisakusho. A method of fabricating an exothermic self-hardening casting mold. Accepted on 5th February 1965.

Mixing a granular refractory material, aqueous water glass and a finely powdered substance comprising silicon and an alloy and/or compound containing silicon other than silica sand.

89296. Improved Metallurgy Limited. A method for purifying a body of molten lead-containing zinc and an apparatus for carrying out the same. (19th October 1962). Accepted on 6th February 1965.

Adding sodium to remove the lead as a liquid sodium lead alloy of lower density than the liquid zinc in which a lower portion of the molten-body is maintained at a temperature below that at which the sodium zinc compound separates out and an upper portion of the molten body is maintained at a temperature above that at which sodium zinc redissolves.

89323. Vapor Corporation. Combination pilot burner and flame detector unit. Accepted on 8th February 1965.

Comprising an elongated tubular member arranged to project into the fire pot, a fuel inlet on the tubular member and a sighting tube extending through the closed end of the tubular member and being arranged therein to sight a flame in the nozzle.

89331. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing containers of high shock resistance from films or plates of plastic material and containers prepared by this process. Accepted on 8th February 1965.

The direction of higher strength of the starting material is identical with the circumferential direction of the container.

89351. Fischer & Porter Company. Improvements in or relating to a flow meter. Accepted on 8th February 1965

Comprising a pair of mounting assemblies, a metering tube, a flow indicating element within the tube, packing means including a cylindrical element of flexible plastic material engageable with the tube end, and means urging the elements towards each other to compress and urge into fluid-tight engagement the packing means and at least one of the assemblies providing a clearance space.

89352. The Oriental Refrigeration Corporation. Graduated gas charging cylinder for refrigerator and airconditioner. Accepted on 5th February 1965.

Comprises a vertically disposed gas cylinder held between a bottom plate and a top plate, a sheet off valve fitted to the bottom plate, a narrow glass tube positioned along the outer wall of the cylinder.

89363. American Flange & Manufacturing Co. Inc. Closure for containers. Accepted on 10th February 1965.

Securing formation includes a first vertically upwardly extending portion a second portion extending upwardly and outwardly from the upper end of the first portion, a rounded upper portion and an outer portion.

89365. M. Etter. Arrangements for controlling undulators or like generators showing an adjustable conductivity. Accepted on 8th February 1965.

Comprising an auxiliary oscillator supplying reference signal and means for comparing signal supplied by the generator with successive instantaneous values of the reference signal.

89367. Swiss Aluminium Ltd. Improvements in the production of electrical metal coils. Accepted on 12th February 1965.

Winding coated foil having exposed metal edges under tension more than 30% of its tensile strength and immersing coil faces in liquid which reacts to insulate adjacent edges.

89373. Panna Lal Roy Chowdhury. Laboratory weighing scales. Accepted on 12th February 1965.

The lower end of the pointer being provided with a curved vernier scale in juxtaposition and co-planar with the main scale.

89391. Vacuum Concrete Corporation of America. Vacuum lifter. Accepted on 8th February 1965.

Comprising a frame, first gasket defining an inner chamber with the frame, a port connecting said chamber to a source of reduced pressure, a second gasket forming with the frame and outer chamber surrounding the first gasket and fluid passage between said chambers.

89400. J. R. Geigy A. G. Process for the production of water-soluble colour salts of triazene compounds, process for dyeing or printing therewith and dyeings or prints so obtained. Accepted on 10th February 1965.

Coupling diazonium compound of an amine with a benzthiazole compound and treating the product with ester of a low alkanol with strong acid.

89409. Pall Corporation. Microporous fluid-permeable materials and process for preparing the same. [Addition to No. 85584]. Accepted on 10th February 1965.

Comprises forming a suspension comprising particulate material suspended in a fluid, and depositing the particulate material upon the surface of a porous material to form thereon a porous layer.

89450. Worthington Corporation. Absorption refrigeration apparatus. Accepted on 9th February 1965.

At least a portion of heat exchanger means being disposed in heat transfer relation to the generator for heating heat exchanger.

89454. Allied Chemical Corporation. Improvements in or relating to polyurethane foams. Accepted on 5th February 1965.

Process for the production of rigid polyurethane foams comprises reacting in the presence of a blowing agent, a fire retardant agent and a polyol with the product of an phosgenation of an aromatic diamine.

89463. Giddings & Lewis-Fraser Limited. Improved arrangement of shroud in a carding or like textile machine. (26th September 1962). Accepted on 8th February 1965.

Wherein one shroud is mounted on a shrouding located with a portion concentric and having an axially extending clearance between ring and cylinder, the shroud being spaced to avoid trapping of fibres.

89467. Polysius G.M.B.H. Method of removing dusts and condensable substances from hot gases. Accepted on 8th February 1965.

Dusts are removed at such a range of temperature while the sublimated substances are in the vapour state and then the gases are contacted with a cold fine-grained material for the purpose of precipitating the sublimated substances.

89489. Sandoz Ltd. Stable dyeing preparations, process for dyeing and textile materials whenever dyed, padded or printed therewith. Accepted on 12th February 1965.

Comprising dispersing agent and at least two dyestuffs of type 1, 5-dihydroxy-4, 8-diamino- β -(4'-hydroxy)-phenylanthraquinone and 1, 5-dihydroxy-4, 8-diamino- β -(4'-methoxy)-phenylanthraquinone.

89566. International Business Machines Corporation. Electrophotographic film structures. Accepted on 12th February 1965.

Comprising electrically conductive film on sheet having a layer of heat softenable dielectric material on one side, with a smooth outer surface stratum or an inner stratum the light transmissive or reflective characteristics which are modifiable under electrostatic charges and heating.

89614. Asahi Kasei Kogyo Kabushiki Kaisha. Apparatus for automatically wrapping rayon cakes. Accepted on 9th February 1965.

Comprises wrapping units carrying rollers and annular guide rail members, compressed air flow means upper and lower heads, a net clamping device, and a net opener.

89621. Hitachi, Ltd. Motor block. Accepted on 5th February 1965.

Includes a driving motor fixed to the parallel basic plates by fitting a bearing in one of the basic plates and by making on the other basic plate a hole through which the motor is put in and fixed to the opposite basic plate with the support of the bearing.

89638. The Glacier Metal Company Limited. Composite bearing material. (11th July 1963). Accepted on 9th February 1965.

Wherein the steel backing layer has bonded to it an aluminium layer and high-tin alloy bearing layer is bonded to the aluminium layer and the composite material is annealed.

89641. R. Lindel. Rotary fluid delivering machine. Accepted on 8th February 1965.

Provided an elongated piston having a uniform thickness in the direction of its rotary axis while its two ends are given a rounded semi-cylindrical shape and is provided with a central opening parallel with the axis of rotation and carries a series of inner teeth.

89661. Gosudarstvenny Nauchno-Issledovatel'skiy Akkumulatorny Institute. Method of making separators for electric storage batteries. Accepted on 5th February 1965.

Includes the steps of introducing into the mixture of polyvinyl chloride resin and cyclohexanone, a highly elastic, non-volatile, high molecular weight substance, insoluble in the electrolyte but soluble in cyclohexanone and a water soluble salt capable of increasing its volume, under the action of water before processing.

89666. The Dow Chemical Company. Yarn and textile fabrics thereof. Accepted on 9th February 1965.

Consists of oriented, organic, thermoplastic microporous filamentary material having densified areas.

89672. Snam S.p.A. Process for the separation of acrylonitrile from a mixture of acrylonitrile and acetonitrile. Accepted on 5th February 1965.

Process for the separation of acrylonitrile from a mixture of acrylonitrile and acetonitrile comprises distilling the mixture of the two nitriles in presence of water and an aliphatic, aromatic, aralkylic or heterocyclic carbonyl compound.

89682. The Carborundum Company. Sintered abrasive grains, method of producing them, and grinding wheels comprised thereof. Accepted on 8th February 1965.

Comminuting abrasive material into micro-crystalline particles, forming into desired shape and then firing the grain until sintered.

89756. J. Aubert and Societe Generale De Traction Et D'Exploitation. Improvements in water ramp installations. Accepted on 8th February 1965.

Characterised in that the pushing means on each bank are combined to form a single rigid structure and that the push-frame and the mask are combined to form a single member, the end of the single member remote from the mask being pivoted to the structure and the mask being permanently coupled to a hoisting means mounted on the structure.

89799. H. G. Schwager. Flyer for cotton-spinning frames. Accepted on 10th February 1965.

Characterised by an intermediate part having conically reduced boring, a hub in the lower conical taper and a head seated in the upper conical taper.

89816. Compagnie De Saint-Gobain. Improvements in or relating to the manufacture of flat glass. Accepted on 8th February 1965.

Glass is cast on a bath of liquid denser than the glass while placing a liquid acting as a lubricant between the glass and side walls of the bath.

89840. M-R-S Manufacturing Company. Ejector type scraper. Accepted on 8th February 1965.

Comprising frame means, carrying means for earth and the like having a floor and open along the front thereof, a transverse pusher means power means connected to the frame means and drive means interconnecting said power means and pusher means.

89959. Deering Milliken Research Corporation. Process for crimping thermoplastic filaments and apparatus therefor. Accepted on 12th February 1965.

Comprising softening thermoplastic yarn under the influence of heat and immediately wrapping said yarn about itself.

89993. Dr. Ing. Friedrich Hermann. Air cooled heat exchangers for the cooling of liquids. Accepted on 11th February 1965.

Internally ribbed tubes with rectangular cross-section are connected together for passing the cooling gas to the tube layer.

90064. Glaverbel. Method and plant for drawing a glass strip. Accepted on 9th February 1965.

Characterised in that sheet of plastic glass is prevented from flowing on the bath of molten material beyond the foot of the strip by cooling its front surface.

90156. Dunlop Rubber Company Limited. Improved wheel and brake assembly. Accepted on 8th February 1965.

Comprises a support structure detachably secured to an undercarriage strut, a rotatable axle, mounted on anti-friction bearings associated with support structure a pair of wheels detachably secured one at each end of axle and brake assembly located within a cavity in support structure in such a manner that the thrust-loads applied thereto are transmitted by the anti-friction bearings direct to the rotatable axle.

90498. Ciba Limited. Process for the preparation of 2-chloroallyl esters. Accepted on 11th February 1965.

Wherein in the presence of a tertiary amine or of a quaternary ammonium salt either 1 carboxyl group equivalent of a carboxylic acid or an anhydride thereof together with 1 equivalent of an anhydrous alkali metal carbonate or 1 equivalent of an alkali metal salt of a carboxylic acid is reacted with at least 1 mol. of 2:3-dichloropropene-1 under anhydrous conditions at a temperature of 75°C.

90545. Sperry Rand Corporation. Synchronized single pulse producing circuit. Accepted on 8th February 1965.

Having a switching element connected to either filters, one of which connected to an inverting gate and the other to a flip-flop, the output of the latter connected to a first gate, the output of first gate connected to a second flip-flop connected to a second gate.

90743. Associated Electrical Industries Limited. Improvements relating to fluorescent lamp mountings. (23rd November 1962). Accepted on 8th February 1965.

In which there is embedded in insulated manner resistance wire constituting a resistive ballast for a lamp fitted to the mounting.

90761. The Cementation Company Limited. Improvements relating to subterranean anchorages. (12th November 1962). Accepted on 10th February 1965.

In which at least the length of the cable which is to extend within the hole between the anchor means and the mouth of the hole is encased in an outer sheath of thermally shrinkable tubular plastic material.

90871. Compagnie Francaise Thomson-Houston. Wire winding machine. Accepted on 8th February 1965.

Wherein each spindle and its motor can pivot about a horizontal axis for loading or unloading a spool.

91205. Sperry Rand Corporation. Lumped constant delay line. Accepted on 11th February 1965.

Characterized by an inner electrical conductor extending internally of an outer tubular electrical conductor for the length thereof and spaced therefrom, an electrically insulating covering on the inner surface of the outer conductor, a first plurality of beads of material of high resistivity disposed between the inner and outer conductors and a second plurality of beads of material of low resistivity disposed between the inner and outer conductors.

95710. Giddings & Lewis-Fraser Limited. Improved arrangement of shroud in a carding or like textile machine. (9th February 1963). [Divisional date 17th August 1963]. Accepted on 8th February 1965.

The shroud being spaced from cylinder to avoid trapping of fibre and the cylinder having a driving shaft with shroud ring supported on machine frame, bearing means being provided between the shaft and the cylinder.

Opposition Proceedings

An Opposition has been entered by Henry Henfield to the grant of a patent on application No. 86015, made by Ernest Jacobi & Co., KG.

Patents Sealed

81140. 82903. 84121. 84185. 84188. 84348. 84457.
84463. 84506. 84590. 84658. 84957. 84977. 84988.
84991. 85099. 85100. 85103. 85134. 85265. 85327.
85328. 85373. 85349. 85382. 85402. 85410. 85417.
85418. 85431. 85436. 85468. 85494. 85546. 85572.
85574. 85575. 85623. 85647. 85735. 85779. 85798.
85839. 85882. 85893. 85896. 85957. 86005. 86193.
86398. 86561. 86720. 87310. 88939. 90091.

Renewal Fees Paid

43016. 44556. 44598. 44629. 44732. 46866. 46902.
46915. 46916. 46928. 46997. 47651. 48575. 48934.
49456. 51202. 51270. 51271. 51406. 51408. 51454.
51477. 51775. 51985. 51986. 53755. 53856. 53880.
53923. 53924. 53933. 53945. 53959. 53967. 53968.
54039. 54086. 54116. 54132. 54185. 54287. 54331.
55153. 56538. 56595. 56693. 56694. 56699. 56708.

56776. 56781. 56909. 57004. 57052. 57074. 57113.
57167. 57481. 59715. 59736. 59776. 59782. 59783.
59852. 59910. 59914. 59919. 59933. 59936. 59944.
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63687. 63702. 63731. 63842. 63990. 63995. 64042.
65273. 66599. 66708. 66712. 66748. 66777. 66780.
66810. 66884. 66934. 66946. 66952. 67017. 67042.
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70298. 70459. 70624. 70711. 70755. 70773. 70789.
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70923. 70927. 70929. 71000. 71002. 71054. 71056.
71057. 71058. 71068. 71097. 71129. 71151. 71156.
71180. 71214. 71234. 71241. 71246. 71260. 71261.
71358. 71365. 71366. 71395. 71554. 71931. 71932.
71993. 71994. 72082. 72153. 72397. 74554. 74633.
75236. 75265. 75286. 75317. 75336. 75357. 75383.
75417. 75421. 75486. 75507. 75508. 75593. 75594.
75614. 75621. 75644. 75655. 75671. 75672. 75673.
75674. 75675. 75700. 75701. 75726. 75727. 75737.
75742. 75781. 75835. 75837. 75845. 75853. 75898.
75938. 75943. 75959. 75974. 75975. 76011. 76012.
76029. 76101. 76132. 76140. 76161. 76290. 76342.
76355. 76360. 76420. 76505. 76508. 76511. 76572.
76689. 76809. 76824. 76832. 76852. 76853. 77199.
77237. 77368. 77415. 78239. 80678. 80946. 81004.
81045. 81063. 81075. 81080. 81093. 81094. 81095.
81148. 81408. 81409. 81605. 81669. 81959. 83878.
83895. 85181. 87584.

Cessation of Patents

45969. 48396. 48397. 50591. 50600. 50610. 53072.
55751. 57034. 58840. 62179. 62192. 62218. 62224.
65772. 69566. 69592. 69610. 73953. 73962. 73971.
73977. 73980. 73986. 73988. 74000. 74001. 74003.
74014. 74015. 74024. 79186.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act

Class 1. Nos. 123829 to 123831 and 123833 to 123837. Crofts (Engineers) Limited, a British Company, Empire Works, Thornbury Road, Thornbury, Bradford, Yorkshire, England. "A reduction gear unit", May 1, 1964 (United Kingdom).

Class 1. No. 123832. Crofts (Engineers) Limited, a British Company, Empire Works, Thornbury Road, Thornbury, Bradford, Yorkshire, England. "A combined electric motor and reduction gear unit", May 4, 1964 (United Kingdom).

Class 3. Nos. 123088 to 123093. Abdul Hussain Jiwaji Bharmal, Najmuddin Jiwaji, Abbas Jiwaji, Taherali Jiwaji Bharmal, No. 31/1 Royal's House, Ebrahim Sahib 2nd lane, Madras-1. Subjects of the Indian Republic, "Plastic button", August 20, 1964.

Class 3. No. 123838. N. V. Philips' Gloeilampenfabrieken, a limited liability Company organized and established under the laws of the Kingdom of the Netherlands, Emmasingel 29, Eindhoven, Holland. "A dry shaver" June 17, 1964 (Ireland).

Class 13. No 124023. Shree Ram Mills Ltd., Fergusson Road, Lower Parel, Bombay-13, B.C. Maharashtra, Nationality—Indian Company, "Textile goods", November 18, 1964.

Class 13. Nos. 124024 to 124029. The Khatau-Makanji Spg. & Wvg. Co. Ltd, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", November 18, 1964.

Class 13. 124044. The Standard Mills Company Limited. Indian, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", November 24, 1964.

Class 13. Nos. 124183 to 124185. Calico Dyeing & Printing Mills (P) Ltd, Industrial Estates, 41E Parel Chawl Road, Lalbaugh, Bombay-12. Nationality—Indian Business concern (Private

Limited Company). "Textile goods including silks and art-silk piece-goods", December 4, 1964.

Class 13. Nos. 124298 and 124299. The Svadeshi Mills Co. Ltd., an Indian Company, Bombay. Bombay House, Bruce Street, Fort, Bombay. (Maharashtra), "Textile goods", December 15, 1964.

Copyright Extended for a Second Period of Five Years

Design No. 103072, Class 3.

Design No. 103461, Class 5.

Design Nos. 102987 and 102988, Class 12.

A. JOGARAO

*Controller General of Patents,
Designs and Trade Marks*